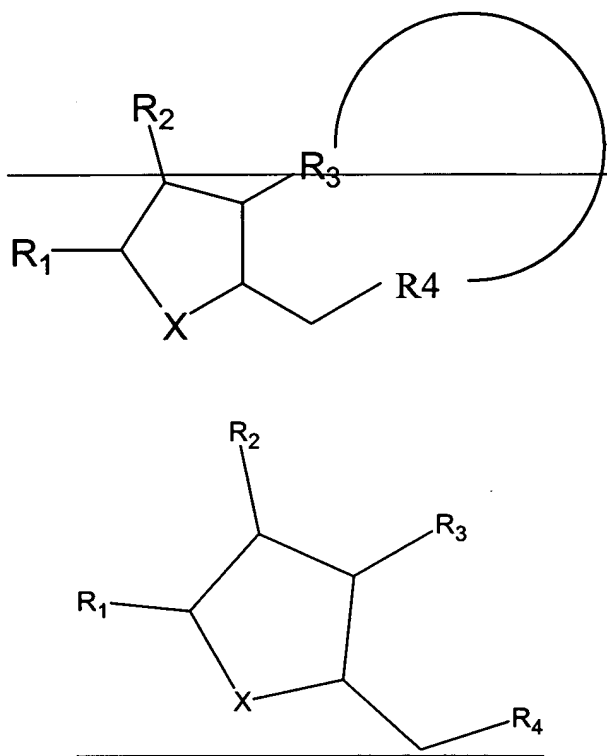


Amendments to the Claims

1. (Currently amended) A method of treating an infection caused by herpesviridae or poxiridae in a patient in need thereof comprising administering to said patient an effective amount of at least one Furanose-type macrocyclic-carbohydrate compounds according to having the formula



wherein R₁ is selected from the group consisting of alkyl, aryl, O-aryl, S-aryl, OH, O-alkyl, SH, S-alkyl, NH₂, N₃, halogens, -OOCH, and COOH;

wherein R₂ is selected from the group consisting of H, hydroxyl, aliphatic and aromatic ethers and esters and wherein R₁ and R₂ form a ring;

wherein R₃ is selected from the group consisting of alkyl, aryl, O-aryl, S-aryl, OH, O-alkyl, SH, S-alkyl, NH₂, N₃, halogens, -OOCH, COOH, and acetal rings;

wherein R₄ is selected from the group consisting of alkyl, aryl, O-aryl, S-aryl, OH, O-alkyl, SH, S-alkyl, NH₂, N₃, halogens, -OOCH, COOH, and acetal rings and wherein R₃ and R₄ form a ring;

and

wherein X is selected from the group consisting of O, NH and S.

2. (Currently amended) A ~~compound~~ method as defined in claim 1, wherein R₁ is preferably phenyl; R₂ is preferably selected from the group consisting of -OMe, -OH, and -H; R₃ is preferably selected from the group consisting of -OH, -OAc, -OBn, and -H; and R₄ is preferably selected from the group consisting of -H, -OAc, and -OBn; or a pharmaceutically active derivative thereof.
3. (Currently amended) A ~~compound~~ method as defined in claim 1, wherein R₁ and R₂ form a ring ~~and are~~ comprising -OC(CH₃)₂O-.
4. (Currently amended) A ~~compound~~ method as defined in claim 1, wherein R₃ and R₄ form a ring ~~and are~~ comprising a moiety preferably selected from the group consisting of -OSi(*i*-Pr)₂OSi(*i*-Pr)₂O- and -OCH(Ph)O-.
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Currently amended) A method as defined in claim ~~31~~ 31, wherein the ~~viral~~ infection is an infection caused by Cytomegalovirus.
9. (New) A method according to claim 1, wherein the infection is and infection caused by Vaccinia virus.

10. (New) A method according to claim 1, further comprising wherein R₃ and R₄ comprise
OAc.